

BACTERICIDE AGAINST STREPTOCOCCUS MUTANS AND STREPTOCOCCUS SOBRINUS

Publication number: JP2005179205 (A)

Publication date: 2005-07-07

Inventor(s): SUGAI MOTOYUKI; KOMATSUZAWA HITOSHI +

Applicant(s): JAPAN SCIENCE & TECH AGENCY +

Classification:


- international: A23G4/00; A23L1/28; A61K38/00; A61K38/16; A61K38/46; A61K8/00; A61K8/64; A61P1/02; A61P31/04; A61Q11/00; C12N15/09; C12N9/00; C12N9/24; C12N15/56; A23G4/00; A23L1/28; A61K38/00; A61K38/16; A61K38/43; A61K8/00; A61K8/30; A61P1/00; A61P31/00; A61Q11/00; C12N15/09; C12N9/00; C12N9/24; C12N15/56; (IPC1-7): A23G3/30; A23L1/28; A61K38/00; A61K7/16; A61P1/02; A61P31/04; C12N15/09; C12N9/24


- European: A61K38/46; A61K8/64; A61Q11/00; C12N9/00


Application number: JP20030419123 20031217


Priority number(s): JP20030419123 20031217


Also published as:

 EP1716862 (A1)

 US2008311056 (A1)

 NZ548511 (A)

 WO2005058343 (A1)

 CA2550013 (A1)

more >>

Abstract of JP 2005179205 (A)

PROBLEM TO BE SOLVED: To provide an enzyme having a bacteriolytic action against dental caries-causing bacteria, to provide a method for treating dental caries with the enzyme, and to provide a method for preventing the dental caries with the enzyme. ; **SOLUTION:** This enzyme is a bacteriolytic enzyme produced by Streptococcus mutans, has a substrate specificity for selectively lysing the Streptococcus mutans and Streptococcus sobrinus, can thereby selectively remove dental caries-causing bacteria or reduce the number of the bacteria in the oral cavity, and can effectively prevent the dental caries. ; **COPYRIGHT:** (C)2005,JPO&NCIP

Data supplied from the **espacenet** database — Worldwide